



**ISRAEL SOCIETY FOR
PARASITOLOGY, PROTOZOOLOGY
AND TROPICAL DISEASES**

ANNUAL MEETING 2018

KFAR HAMACCABIAH, RAMAT GAN

DECEMBER 11th, 2018

www.ispptd.org

SCIENTIFIC PROGRAM

08:00 - 09:00 **Registration / Coffee & Refreshment / Exhibitions**



09:00 - 10:30 **Session 1: Plenary lectures (English)** **(Hall A)**

Chair: Eli Schwartz

09:00 – 09:45 **New approach to developing anti-microbial and anti-parasitic agents - Ada Yonath (Nobel Prize Laureate 2009, Weizmann Institute, Israel)**

09:45 – 10:30 **Epidemic arboviral diseases: urgent need for better public health infrastructure and research - Annelies Wilder-Smith (WHO Geneva & London School of Tropical Medicine)**

10:30 - 10:45 **General Assembly**

10:45 – 11:15 **Coffee break / Exhibitions**



11:15 – 13:00 **Parallel Sessions**

Session 2: **Travel Medicine** **(Hall A)**

Chairs: Steve Berger & Eyal Leshem

11:15 – 11:45 **Preventing viral encephalitis in Travelers – Robert Steffen (Switzerland)**

- 11:45 – 12:15 The drama of the first licensed dengue vaccine - Annelies Wilder-Smith (WHO Geneva & London School of Tropical Medicine)
- 12:15 – 12:30 Immunization of the pregnant traveler: a systematic review - Roni Nasser, Stav Rakedzon, Amjad Mousa, Neta Petersiel & Ami Neuberger
- 12:30 – 12:45 Malaria chemoprophylaxis among Israeli travelers to endemic countries - Reut Harel, Bibiana Chazan & Eli Schwartz
- 12:45 – 13:00 Epidemiology of ill-returned Israeli travelers seen in the Urgent-Care setting – Eyal Itzkowitz, T. Lachish, E.A. Alpert, A. Farojeh, D.R. Zimmerman & Eli Schwartz

Session 3: Molecular Parasitology (English) (Hall B)

Chair: Shulamit Michaeli & Michal Shapira

- 11:15 – 11:30 A divergent regulatory subunit of protein kinase A has a role in intracellular development of *Leishmania* - Dan Zilberstein, Renana Fischer-Weinberger, Roni Nitzan-Koren & Peter John Myler
- 11:30 – 11:45 Nutritional stress targets LeishIF4E-3 to RNA granules typical of *Leishmania* metacyclogenesis - Rohit Shrivastava, Matan Drory-Retwitzer & Michal Shapira
- 11:45 – 12:00 Plant-feeding insect disease vectors: phlebotomine sand flies prefer *Cannabis sativa* - Ibrahim Abbasi, Artur Queiroz, Oscar Kirstein & Alon Warburg
- 12:00 – 12:15 *Giardia lamblia* miRNAs as a new diagnostic tool for human giardiasis - Tal Meningher, Daniel Boleslavsky, Iris Barshack,

**Hila Tabibian-Keissar, Refael Kohen, Devorah Gur-Wahnon,
Iddo Z. Ben-Dov, Yechezkel Sidi, Dror Avni & Eli Schwartz**

12:15 – 12:30 **Malaria parasite-derived extracellular vesicles associate with host NF-kB signaling pathway - Mirit Biton, Yifat Ofir-Birin, Ariel Rudik, Sefi Zargarian, Noam Baram, Ziv Porat, MottiGerlic & Neta Regev-Rudzki**

12:30 – 12:45 **Thioredoxin peroxidase involvement in activation of virulence genes in *Plasmodium falciparum* - Adina Heinberg, Inbar Amit-Avraham, Emilie Thompson & Ron Dzikowski**

12:45 – 13:00 **Neutrophil elimination of *Plasmodium falciparum* infected erythrocytes is mediated by interaction of PfEMP1 with Neutrophil derived ICAM-1 - Tamir Zelter, Jacob Strahilevitz, Ron Dzikowski & Zvi Granot**

13:00 – 14:00

Lunch



14:00 - 16:00 **Parallel Sessions**

Session 4: **Tropical Medicine** **(Hall A)**

Chairs: Zvi Bentwitch & Bibiana Chazan

14:00 – 14:15 **Adult toxocariasis in Israel: A nationwide study and clinical case presentation - Daniel Boleslavsky, Esther Marva, Tamar Grossman, Ami Neuberger & Eli Schwartz**

14:15 – 14:30 **Evaluation of a molecular approach for diagnosing parasites in stool in the Microbiology Laboratory at the Sheba Medical**

Center in Israel - Shiraz Gefen-Halevi, Zeala Gazit, Asaf Bieber, Nathan Keller, Eli Schwartz & Gill Smollan

14:30 – 14:45 How accurate is the PCR performance of your laboratory? Experiences from an International External Quality Assessment Scheme (EQAS) for PCR-based detection of protozoa, soil transmitted helminths and *Schistosoma* in clinical stool samples - Lisette van Lieshout (The Netherlands)

14:45 – 15:00 Prevalence of *Schistosoma* and *Strongyloides* infection among Eritrean migrants to Israel - Yael Paran, Ronen Ben-Ami, David Shasha, Julia Vainer, Natasha Brown, Asaf Wasserman, Moaath Slieman & Tamar Grossman

15:00 – 15:15 Late presentation of Ethiopian immigrants with tropical diseases in Israel - Shira Rabinowicz, Eyal Leshem & Eli Schwartz

15:15 – 15:30 Emergency room visits of undocumented migrants to the Ichilov Medical Center in Tel Aviv, Israel - Sarit Shachaf, Nadav Davidovitch, Pinhas Halperin & Zohar Mor

15:30 – 16:00 Case reports (10 min each)

1. Fever and dyspnea in an elderly patient returning from Thailand and Laos - Iris Ostfeld
2. Fever and Erythema nodosum post trip to India - Asaf Biber & Eli Schwartz
3. Visual disturbances after a trip to Uganda - Neta Petersiel, Ami Neuberger & Weibrob Ben-Arie

Session 5: General Parasitology (Hall B)

Chairs: Esther Marva & Tamar Grossman

- 14:00 – 14:15** Profiling the excretion-secretion proteins of the carcinogenic nematode *Spirocerca lupi* in different life stages - **Alicia Rojas** & Gad Baneth
- 14:15 – 14:30** Urinary incontinence associated with *Mesocestoides corti* infection in a dog - **Harold Salant**, Daniel Yasur-Landau, Galit Levin-Gichon, Ana-Maria Botero-Anug, Asher Zafrany & Gad Baneth
- 14:30 – 14:45** Group A Streptococcus bacteremia and toxic shock syndrome related to *Strongyloides stercoralis* hyperinfection - **Regev Cohen**, Talya Finn, Frida Babushkin, Maurice Shapiro, Martina Uda, Tamar Grossman
- 14:45 – 15:00** Advantages of using a culture method for diagnosis of *Acanthamoeba* - **Elsa Pavlotzky**, Svetlana Shparaga, Galit Bergerzon, Avital Ben-Hakoun & Shifra Ken-Dror
- 15:00-15:15** Mushrooms as a sources for anti-Leishmania activity - **Segula Masaphy**, Limor Zabari, Nina Pastukh, Nir Avital & Avi Peretz
- 15:15 – 15:30** Toxoplasmosis in pregnancy in the Arab sector: To screen or not? - Asala Abu-Ahmad, Israel Potasman, Tamar Stam & Alona Paz
- 15:30 – 15:45** The presence of *Ixodes ricinus* in Israel – **Kosta Y. Mumcuoglu**, Tomer Goldsmith & Yael Paran
- 15:45 – 16.00** Discussion

16:00 – 17:30 *Common Session* (Hall B)

Session 6: Rabies

Chair: Gad Baneth

16:00 – 16:20 Special report: Monkey pox in Israeli traveler - Yuval Schwartz, Sharon Melamed & Eli Schwartz

16:20 – 16:35 Rabies in animals in Israel - Boris Yakobson

16:35 – 16:50 Human rabies and post-exposure prophylaxis after animal bites in Israel (1999-2016) - Remez Yanuka, Emilia Anis & Eli Schwartz

16:50 – 17:15 Animal bites and rabies vaccine among travelers: utilization and estimates of risk - Eyal Meltzer & Eli Schwartz

17:15 – 17:30 Rabies prevention, what's new? - Amanda Chikly